

Version With Markings to Show Changes Made

In exemplary compositions the molar concentrations are: Er from 15 ppm to 3000 ppm, Al from 0.5 mol% to 12 mol%, La less than or equal to 2 mol%, Tm from 15 ppm to 10,000 ppm; and the Ge less than or equal to 15 mol%. The core may further include F. An exemplary concentration of F is less than or equal to 6 anion mol%. In particular embodiments, the concentration of Er is from 150 ppm to 1500 ppm, the concentration of Al is from 4 mol% to 10 mol%, the concentration of Tm is from 150 ppm to 3000 ppm, and/or the concentration of Ge is from 1 mol% to 15 mol%. Note that “mol%” is defined as cation mol%, that is, for a given composition, the moles of a specified cation divided by the total moles of all of the cations in that composition; “anion mol%” is defined as number of the moles of a specified anion divided by the total moles of all of the anions in the composition; “ppm” is defined as 10,000 times mol%, as defined above.